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CENTRAL FAX CENTER****JAN 29 2007**Attorney Docket No: 16517
Application No. 10/775,176
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: James D. McIninch)
Utility Patent Application No.: 10/775,176)
Filed: 11 February 2004)
Title: COMPUTATIONAL NUCLEIC ACID)
CODING AND FEATURE ANALYSIS)

Examiner: C. SMITH
Art Unit: 1631

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir,

RESPONSE TO OFFICE ACTION MAILED 28 JULY 2006

In response to the Office Action mailed 28 July 2006, Applicant requests entry of the following amendment to the claims and reconsideration of the outstanding rejections and allowance of the amended claims in view of the following remarks.


Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks begin on page 5 of this paper.

A Declaration under 37 CFR 1.132 by Jack E. Tabaska is submitted herewith as an attachment (2 pages) to this response.

CERTIFICATE OF FACSIMILE TRANSMITTAL - 13 (thirteen) pages

I hereby certify that this Response to Office Action and Amendment is being facsimile transmitted to the USPTO's Central Facsimile Number, i. e., (571) 273-8300, on **29 January 2007**.



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This response is being timely filed within six (6) months of the mailing date of the Office Action and Applicants hereby petition for a three (3) month extension of time. The fee for this extension may be charged to Deposit Account No. 134,125 along with any other additional fees which may be required with respect to this paper; any overpayment should be credited to the account.